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HP Docket No. 200310760-1

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Canceled)
2. (Currently amended) The optical disk of claim 325, wherein the label region is on a label side of the optical disk.
3. (Currently amended) The optical disk of claim 325, wherein the disk speed features are configured to deflect incoming light.
4. (Currently amended) The optical disk of claim 325, wherein the optical disk includes a data side and a label side.
5. (Currently amended) An optical disk, comprising:
 - a label region on the optical disk comprising a writeable material;
 - substantially identical disk speed features, disposed on the disk in a first annular ring at a first radial position and located to be readable when writing the label region, to convey disk speed data; and
 - disk angular orientation features different from the disk speed features, disposed on the disk in a second annular ring at a second radial position different from the first radial position and located to be readable when writing to the label region, to convey disk angular orientation data, wherein at least some of the disk angular orientation features and at least some of the disk speed features have the same an overlapping angular position, and wherein the first annular ring abuts the second annular ring.

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6. (Previously presented) The optical disk of claim 5, wherein the first and second annular rings are configured for reading by an encoder.

7. (Original) The optical disk of claim 5, wherein the disk angular orientation features are defined in a mirror region of the label side of the optical disk.

8. (Original) The optical disk of claim 5, wherein the disk angular orientation features are molded.

9. (Original) The optical disk of claim 5, wherein the disk angular orientation features comprise markings within the label region.

10. (Previously presented) The optical disk of claim 5, wherein the disk speed features are molded.

11. (Previously presented) The optical disk of claim 5, wherein at least one of the disk speed features or the disk angular orientation features are printed.

12. (Previously presented) The optical disk of claim 5, wherein the disk angular orientation features comprise a surface, distinct from the writable material, having markings to indicate disk angular orientation.

13. (Original) The optical disk of claim 12, wherein the markings comprise a molded saw tooth to deflect light from a sensor.

14. (Currently amended) The optical disk of claim 12, wherein the markings comprise

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interspersed areas with and without substantially circular molded pits.

15. (Original) The optical disk of claim 12, wherein molded pits define a light-deflecting feature.

16. (Canceled)

17. (Currently amended) The optical disk of claim 325, wherein the disk speed features are molded in a mirror region of the optical disk.

18-19. (Canceled)

20. (Currently amended) A method of making an optical disk, comprising:
molding, in a first annular ring at a first radial position, a plurality of substantially identical disk speed features configured to be viewed during labeling of the optical disk, wherein an angular span of each disk speed feature is substantially identical to an angular span between each two disk speed features;

defining, in a second annular ring at a second radial position, disk angular orientation features, different from the disk speed features, configured to be viewed during labeling of the optical disk, wherein at least some of the disk angular orientation features and at least some of the disk speed features have ~~the same~~ an overlapping angular position; and

coating a label region on the label side of the optical disk with an OPU-writable coating.

21. (Original) The method of claim 20, wherein molding disk speed features comprises formation of a saw tooth feature.

22. (Currently amended) The method of claim 20, wherein molding disk speed features

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comprises formation of areas of substantially circular pits interspersed with areas having no pits.

23. (Original) The method of claim 20, wherein defining the disk angular orientation features comprises defining optically readable indicia on a planar surface of the optical disk.

24. (Previously presented) The method of claim 20, wherein defining the disk angular orientation features comprises molding the disk angular orientation features into the optical disk.

25. (Currently amended) An optical disk, comprising:
a label region on the optical disk comprising a writeable material;
disk speed features disposed in a first annular ring, located to be readable when writing the label region, to convey disk speed data; and
disk angular orientation features different from the disk speed features and disposed in a second annular ring abutting the first annular ring, located to be readable when writing to the label side, to convey disk angular orientation data, wherein at least some of the disk angular orientation features are of different sizes.

26-30. (Canceled)

31. (Previously presented) The method of claim 20, wherein the first and the second annular rings are radially contiguous on the disk.

32. (Canceled)

33. (Previously presented) The optical disk of claim 5, wherein the first annular ring is configured for reading by an encoder and the second annular ring is configured for reading by an OPU.

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34. (Currently amended) The optical disk of claim 5, wherein all the disk speed features have a substantially identical size and shape, and wherein at least some of the disk angular orientation features have a different size or shape from the disk speed features.

35. (Previously presented) The optical disk of claim 5, wherein at least some of the disk angular orientation features have a different size from others of the disk angular orientation features.

36. (Previously presented) The optical disk of claim 5, wherein a pattern formed by the disk angular orientation features is not symmetrical about at least some axes extending outward from the center of the disk.

37. (Currently amended) The optical disk of claim 5, wherein a pattern formed by the disk angular orientation features about at least some axes extending outward from the center of the disk is different from the pattern formed by the disk angular orientation features about at least some other axes extending outward from the center of the disk.[[.]]

38. (Previously presented) The optical disk of claim 5, wherein an angular span of each disk speed feature is substantially identical to an angular span between each two disk speed features.

39. (New) The optical disk of claim 15, wherein the light-deflecting feature has a surface that is not perpendicular to incoming light applied to read the markings.

40. (New) The optical disk of claim 15, wherein the molded pits deflect both coherent and incoherent light.

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41. (New) The optical disk of claim 25, wherein the disk speed features and the disk angular orientation features are configured to deflect incoming coherent and incoherent light.

42. (New) The optical disk of claim 41, wherein the disk speed features and the disk angular orientation features comprise a molded saw tooth.

43. (New) The optical disk of claim 41, wherein the disk speed features and the disk angular orientation features comprise areas of substantially circular pits interspersed with areas having no pits.

44. (New) The optical disk of claim 25, wherein molded pits define a light-deflecting feature configured to deflect incoming coherent and incoherent light.

45. (New) The optical disk of claim 44, wherein the light-deflecting feature has a surface that is not perpendicular to the incoming light.